Notice of Allowability	Application No.	Applicant(s)	
	10/815,406	HAWKINS, JEFFREY C.	
	Examiner	Art Unit	
	Sharad Rampuria	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *12/18/2007*.

2. ☒ The allowed claim(s) is/are *1, 4-5, 7-9, 13-15, 20, 22-23, and 25-29, 32-35 (renumbered as 1-20 respectively)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Examiner's Amendment

I. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jie Zhang (Reg. No. 60,242) on 2/13/08.

The application has been amended as follows:

25. (Currently Amended) A peripheral device for a handheld computing system, the peripheral device comprising:

an enclosure having an opened position and a closed position;

a communication interface operable to automatically establish connectivity with the handheld wireless communication device in response to a transition of the enclosure from the closed position to the opened position, the communication interface structured to receive first data and software code for a peripheral application from the handheld computing system and transmit second data to the handheld computing system, wherein the first data and the second data are interactable by a handheld application on the handheld computing system, the peripheral application being associated with the handheld application;

a backup memory, operably coupled to the communication interface, for storing a backup copy of the first data;

a display communicatively coupled with the communication interface and structured to visually present at least part of the first data and the second data;

an alphanumeric keyboard hingedly coupled with the display and structured to receive a user input, the user input being for manipulating the first data; and

a processor coupled to the communication interface, the backup memory, the alphanumeric keyboard, and the display and configured to execute the software code for the peripheral application using the user input and the first data thereby generating the second data.

Allowable Subject Matter

II. The following is an examiner's statement of reasons for allowance:

Claims 2-3, 6, 10-1 l, 12, 16-19, 21 and 24, 30-31, 36 are cancelled.

Claims 1, 4-5, 7-9, 13-15, 20, 22-23, and 25-29, 32-35 (renumbered as 1-20 respectively) are patentable.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The closest prior art, Macor; James J. (US 7047038 B1) teaches A computer and mobile communication system for performing wireless telephone, personal organizer and/or schedule alert functions is provided. The system may have a wireless handset for recording and playing messages, and for performing scheduling functions. The computer may be located in a base station with a common housing which contains a cradle to provide a conduit for exchange of information between the computer and the handset, as well as the circuitry to charge a battery in

the handset. The handset may be switched between a telephone mode and a personal organizer mode by opening and closing a protective cover. (Abstract)

The next prior art, Morris; Walker C. (US 5020090 A) teaches Apparatus for removably connecting a cellular portable telephone to a laptop or portable computer is disclosed and comprises a track formed in the housing of the computer and is structured to slidably receive a cellular portable telephone whose battery pack has been removed. The track comprises a base portion of predetermined width and length, a first edge portion extending outwardly from the base portion and a second edge portion extending outwardly from the base portion with the second edge portion being positioned opposite the first edge portion. A first electrical connector is positioned at one end of the track with a second electrical connector being positioned at the opposite end of the track. Data interface circuitry is connected between the first electrical connector and the modem in the computer. The track is configured to slidably receive a cellular portable telephone available commerically from Motorola, Inc. In order to accommodate cellular portable telephones available commerically from NEC and OKI, a mounting bracket is disclosed which is structured to slidably connected the cellular portable telephones with the track. (Abstract)

The adjoining prior art, Gilbert; Timothy G. (US 6067583 A) teaches A wired modem normally plugs directly into a computer and connects to a telephone system by wired connection to a wall jack. This same modem can be used in a wireless configuration by plugging it into a single-module base station unit located near the wall jack and containing a baseband-to-wireless transceiver. A single module remote station plugs into the computer in place of the modem, and contains another baseband-to-wireless transceiver for communicating wireless data with the base

station. The base and remote stations duplicate very little of the functionality performed by the modem, making the modem easily replaceable in either wired or wireless configurations. (Abstract)

The next prior art, Kaufman; Steven B. (US 6034621 A) teaches Wireless communication paths between a PC and a Personal Digital Assistant (PDA) are utilized to synchronize data files between the PC and the PDA. Example wireless communication paths include) a one-way paging network, a two-way paging network, a Cellular Digital Packet Data (CDPD) network, and a cordless telephone network. Automated updating of remote files is accomplished by invisibly updating using a paging or CDPD network, e.g., either after each change to the data file, after a series of changes to the data file, after exiting the scheduling application program, at predetermined intervals and/or even on-demand. A simple and efficient wireless way to synchronize data files on separate computers which do not require a fixed, direct connection to each other, such as a direct connection through the PSTN, infrared link, or wired or wireless LAN type connection. The synchronization of data files can be updated on a frequent, inconspicuous and convenient basis. (Abstract)

The next prior art, Ditzik; Richard J. (US 5983073 A) teaches A small light weight modular microcomputer based computer and communications systems, designed for both portability and desktop uses. The systems make use of a relative large flat panel display device assembly (2), an expandable hinge device (10), battery power source (9), keyboard assembly (16), and wireless communications devices (32, 51). The systems are capable of bi-directional realtime communications of voice, audio, text, graphics and video data. Both wire-based or wireless communications methods and devices are implemented. Wireless communications

devices may include one or more telephone-like handsets (14) and/or ear set (34). The wireless communication devices may include one or more antennae (32). Systems can be configured in a portable arrangement similar to conventional notebook computers, but can be quickly and easily disassembled and re-assembled for office desktop uses. Systems may consist of a base computer unit (100) comprising wireless communication devices may act as a relay station relaying voice and other data between the handset or earset and external wide area communications networks. The system may be capable of performing, personal digital assistant (PDA), cellular telephone, conventional notebook computer, desktop computer functions. (Abstract)

The next prior art, Nguyen; Nam D. (US 5797089 A) teaches A personal communications terminal (PCT) in a case having a first half hingedly connected to a second half. The PCT operates in an open and a closed position and comprises a mobile telephone unit and a personal digital assistant (PDA) unit electronically connected to the mobile telephone unit. The PDA unit is a fully functional personal computer. The PDA unit comprises a memory for application software programs, a memory for data, a processor for performing operations with the data and the application programs, a modem for passing data between the PDA unit and the mobile telephone unit, and a mobile data interface for passing data between the PDA unit and the mobile telephone unit without utilizing the modem. When the PCT is in the open position, it forms two interior faces which include a PDA display screen on one face and a full alpha-numeric keyboard on the other face. The PCT may be operated as a standard wireless telephone, as a personal computer, or in an integrated mode for FAX, wireless data transfer, or sending and receiving short message service (SMS) messages. (Abstract)

However, all the above combination fails to anticipate or render the above limitations in combination with all the recited limitations of the disclosed independent claims obvious (**viewed as a whole**), over any of the prior art of record, alone or in combination.

Consequently, the disclosed independent claims are allowed on behalf of above-discussed reasons, and also preserved via Applicants arguments and remarks filed on 12/18/2007 as well. Since the disclosed dependent claims are dependant on one of the above independent claims, therefore they are also patentable.

Conclusion

III. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharad Rampuria whose telephone number is (571) 272-7870. The examiner can normally be reached on M-F. (8:30-5 EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000 or *EBC@uspto.gov*.

/Sharad Rampuria/
Primary Examiner
Art Unit 2617